| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| – | 46 | cach$4 with hash$4 with file | USPAT | 2004/07/14 14:58 |
| – | 3 | (("5974455") or ("6594682") or ("6393407")).PN. | USPAT | 2004/07/13 19:02 |
| – | 706 | (cach$4 with check$4) same (server or file) | USPAT | 2004/07/12 19:19 |
| – | 22 | ((cach$4 with check$4) same (server or file)).ab. | USPAT | 2004/07/12 19:20 |
| – | 231 | (cach$4 with check$4) and server and file and network and hash$4 | USPAT | 2004/07/12 19:22 |
| – | 7 | ((cach$4 with check$4) same (server or file)).ab. and hash$4 | USPAT | 2004/07/12 19:20 |
| – | 15 | cach$4.ab. and server and file and network and hash$4.ab. | USPAT | 2004/07/12 19:22 |
| – | 686 | (cache near3 (lookup or look-up or "look up")) and (cache near3 stor$4) | USPAT | 2004/07/14 12:37 |
| – | 179 | (cache near3 (lookup or look-up or "look up")) and (cache near3 stor$4) and hash$4 | USPAT | 2004/07/14 12:37 |
| – | 6 | ((cache with (lookup or look-up or "look up")) and (cache with stor$4)).ab. and hash$4 | USPAT | 2004/07/14 12:45 |
| – | 17 | 5909695.URPN. | USPAT | 2004/07/14 12:44 |
| – | 6 | ("4736293" | "4926323" | "4977998" | "5325504" | "5353425" | "5546555").PN. | USPAT | 2004/07/14 12:45 |
| – | 272 | (cache with stor$4).ab. and hash$4 | USPAT | 2004/07/14 12:46 |
| – | 28 | (cache with stor$4).ti. and hash$4 | USPAT | 2004/07/14 12:47 |
| – | 3 | (cach$4 with stor$4).ti. and hash$4.ab. | USPAT | 2004/07/14 12:47 |
| – | 22 | cach$4.ti. and hash$4.ab. and stor$4.ab. | USPAT | 2004/07/14 12:51 |
| – | 90 | cach$4.ti. and stor$4.ab. and file.ab. | USPAT | 2004/07/14 12:59 |
| – | 89 | (cach$4.ti. and stor$4.ab. and file.ab.) not (cach$4.ti. and hash$4.ab. and stor$4.ab.) | USPAT | 2004/07/14 12:51 |
| – | 1856 | cach$4.ti. and (retriev$4 or fetch$4 or access$4 or load$4).ab. | USPAT | 2004/07/14 13:00 |
| – | 1491 | cach$4.ti. and (cach$4 with (retriev$4 or fetch$4 or access$4 or load$4)).ab. | USPAT | 2004/07/14 13:00 |
| – | 427 | (cach$4 with (retriev$4 or fetch$4 or access$4 or load$4)).ti. | USPAT | 2004/07/14 13:19 |
| – | 132 | (cach$4 with (retriev$4 or fetch$4 or access$4 or load$4)).ti. and (data or file).ti. | USPAT | 2004/07/14 13:26 |
| – | 255 | (cach$4 with (retriev$4 or fetch$4 or access$4 or load$4)).ab. and hash$4 | USPAT | 2004/07/14 14:40 |
| – | 3 | (cach$4 with retriev$4).ti. and hash$4 | USPAT | 2004/07/14 14:59 |
| – | 5 | ("5748961" | "6128623" | "6389460" | "6453319" | "6453404").PN. | USPAT | 2004/07/14 14:44 |
| – | 6 | 6389460.URPN. | USPAT | 2004/07/14 14:50 |
| – | 7 | ("5764235" | "6006231" | "6055572" | "6125366" | "6128668" | "6134583" | "6225995").PN. | USPAT | 2004/07/14 14:52 |
| – | 11 | 6134583.URPN. | USPAT | 2004/07/14 14:52 |
| – | 42 | (cach$4 with hash$4).ab. | USPAT | 2004/07/14 14:58 |
| – | 1 | (cach$4 with retriev$4).ti. and hash$4 | US-PGPUB; EPO | 2004/07/14 15:15 |
| – | 37 | (cach$4 with retriev$4).ab. and hash$4 | US-PGPUB; EPO | 2004/07/14 15:57 |
| – | 0 | 09/764,493 | USPAT | 2004/07/14 15:57 |
| – | 0 | 09/739,591 | USPAT | 2004/07/14 15:58 |
| – | 1 | 09/855,958 | USPAT | 2004/07/14 15:58 |
| – | 0 | 09/725,732 | USPAT | 2004/07/14 15:58 |
| – | 0 | 09/759,392 | USPAT | 2004/07/14 15:58 |
| – | 0 | 10/005,729 | USPAT | 2004/07/14 17:26 |

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| – | 48 | ("6275867" "6026474" "5944789" "6738977" "6745286" "6003115" "5737523" "6292880" "5940613" "6269408" "5930513" "5604862" "6192398" "6209003" "6438652" "5946690" "5802297" "5948062" "6314451" "6317761" "6466967" "5987512" "6324581" "6292888" "6047356" "5452447" "5805809" "5881229" "6219693" "6219693" "5437029" "5452448" "5559984" "5572221" "5615373" "5644751" "5838916" "6065043" "6105037" "6115741" "6301605" "6339778" "6208991" "6389513" "5832208" "6226667" "6226667" "6012085" "6128623" "4425616").pn. | USPAT | 2004/07/14 17:27 |

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| | | 49 | ("6128627" | | USPAT | 2004/07/14 17:48 |
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| | 24 | ((("6275867" | | USPAT | 2004/07/14 17:48 |
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| – | 5 | ((("6275867"<br>"6026474"<br>"5944789"<br>"6738977"<br>"6745286"<br>"6003115"<br>"5737523"<br>"6292880"<br>"5940613"<br>"6269408"<br>"5930513"<br>"5604862"<br>"6192398"<br>"6209003"<br>"6438652"<br>"5946690"<br>"5802297"<br>"5948062"<br>"6314451"<br>"6317761"<br>"6466967"<br>"5987512"<br>"6324581"<br>"6292888"<br>"6047356"<br>"5452447"<br>"5805809"<br>"5881229"<br>"6219693"<br>"6219693"<br>"5437029"<br>"5452448"<br>"5559984"<br>"5572221"<br>"5615373"<br>"5644751"<br>"5838916"<br>"6065043"<br>"6105037"<br>"6115741"<br>"6301605"<br>"6339778"<br>"6208991"<br>"6389513"<br>"5832208"<br>"6226667"<br>"6226667"<br>"6012085"<br>"6128623"<br>"4425616").pn.) or (("6128627"<br>"6237060"<br>"6289358"<br>"6339787"<br>"6453319"<br>"5682514"<br>"5987254"<br>"5835943"<br>"6078929"<br>"5628005"<br>"5873100"<br>"5893097"<br>"5963945"<br>"5978802"<br>"5978791"<br>"6167446"<br>"5765165"<br>"6167438"<br>"6205481"<br>"6282542"<br>"6598048"<br>"6122631"<br>"5305440"<br>"5864837"<br>"6381627"<br>"6493584" | USPAT | 2004/07/14 17:49 |

| - | 1 | ("6243719").PN. | USPAT | 2004/08/20 17:23 |
|---|---|---|---|---|
| - | 382 | (cach$5 with (proxy or server)).ab. | USPAT | 2004/08/20 17:24 |
| - | 987 | hash$4 same cach$4 | USPAT | 2004/08/20 17:24 |
| - | 77 | ((cach$5 with (proxy or server)).ab.) and (hash$4 same cach$4) | USPAT | 2004/08/20 17:24 |
| - | 45 | (cach$5 with (proxy or server)).ab. and (hash$4 with cach$4) | USPAT | 2004/08/20 18:22 |
| - | 2 | (cach$5 with (proxy or server)).ab. and (hash$4 with (cach$4 near2 memory)) | USPAT | 2004/08/20 17:28 |
| - | 70 | (cach$5 and hash$4).ab. | USPAT | 2004/08/20 18:31 |
| - | 13 | (cach$5 and hash$4).ti. | USPAT | 2004/08/20 18:23 |
| - | 8 | ("5404488" | "6052698" | "6067547" | "6226629" | "6275919" | "6292795" | "6308246" | "6430670" | "2002/0004917").PN. | USPAT | 2004/08/20 18:29 |
| - | 42 | (cach$5 with hash$4).ab. | USPAT | 2004/08/20 18:32 |
| - | 5 | (cach$5 with hash$4 with (creat$4 or comput$4 or determin$4 or calculat$4)).ab. | USPAT | 2004/08/20 18:49 |
| - | 1 | ("5974455").PN. | USPAT | 2004/08/20 18:49 |
| - | 1 | ("6647421").PN. | USPAT | 2004/08/22 18:45 |

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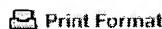  Proceedings
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1 **Hash routing for collections of shared Web caches**
*Ross, K.W.;*
Network, IEEE , Volume: 11 , Issue: 6 , Nov.-Dec. 1997
Pages:37 - 44

[Abstract]    [PDF Full-Text (1236 KB)]    **IEEE JNL**

2 **Implementation and comparison of distributed caching schemes**
*Selvakumar, S.; Prabhakar, P.;*
Networks, 2000. (ICON 2000). Proceedings. IEEE International Conference or
Sept. 2000
Pages:491

[Abstract]    [PDF Full-Text (160 KB)]    **IEEE CNF**

3 **Dynamic group support in LANMAR routing ad hoc networks**
*Xiaoyan Hong; Nguyen, N.; Shaorong Liu; Ying Teng;*
Mobile and Wireless Communications Network, 2002. 4th International Works
on , 9-11 Sept. 2002
Pages:304 - 308

[Abstract]    [PDF Full-Text (443 KB)]    **IEEE CNF**

4 **Distributed Web caching using hash-based query caching method**
*Asaka, T.; Miwa, H.; Tanaka, Y.;*
Control Applications, 1999. Proceedings of the 1999 IEEE International Confei
on , Volume: 2 , 22-27 Aug. 1999
Pages:1620 - 1625 vol. 2

[Abstract]    [PDF Full-Text (336 KB)]    **IEEE CNF**

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